

## BADGE WITH A RETRACTABLE HOLDING MEMBER

### BACKGROUND OF THE INVENTION

#### 1. Field of the Invention

The invention relates to a badge, more particularly  
5 to a badge with a retractable holding member.

#### 2. Description of the Related Art

With reference to Figure 1, a conventional badge 9 is  
shown to include a badge body 92 and a fastening member  
which includes a pin 93 fixed to a rear side surface of  
10 the badge body 92 and a clasp 94 connected removably to  
the pin 93. The badge 9 can be attached to an object, such  
as the user's clothing or handbag, by means of the  
fastening member. Certainly, the fastening member may  
include clips and the like.

15 To enhance the practical value of the conventional  
badge 9, it would be desirable to provide the conventional  
badge 9 with a holder for holding an object, such as  
sunglasses, an identification card, etc.

### SUMMARY OF THE INVENTION

20 Therefore, the object of the present invention is to  
provide a badge with a retractable holding member, which  
is simple in construction.

Accordingly, the badge of this invention includes:

a badge body having front and rear side surfaces  
25 opposite to each other in a first direction, the rear side  
surface having an edge area;

a fastener unit provided on the rear side surface of

the badge body and adapted to attach the badge body to an object;

5 a guiding member disposed on the rear side surface of the badge body, the guiding member including a first guiding part which has two opposite side walls that are spaced apart from each other in a second direction transverse to the first direction to define a first guiding groove extending in a third direction transverse to the first and second directions and towards the edge area, and a second guiding part disposed between the edge area and the first guiding part and defining a second guiding groove that extends in the second direction;

10 a holding member having a retained portion and a holding portion opposite to the retained portion, the retained portion being disposed insertably in the first guiding groove and being movable along the first guiding groove in the third direction between an extended position, in which the holding portion extends outwardly of the edge area, and a retracted position, in which the holding portion is disposed inwardly of the edge area; and

20 a retaining member movable in the second guiding groove in the second direction between a retaining position where the retaining member engages the retained portion in one of the extended and retracted positions, and a releasing position where the retaining member is disengaged from the retained portion.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Other features and advantages of the present invention will become apparent in the following detailed description of the preferred embodiment with reference to the accompanying drawings, of which:

5        Figure 1 is a schematic view of a conventional badge;

Figure 2 is a perspective view of the preferred embodiment of a badge according to the present invention in an assembled state;

10       Figure 3 is an exploded perspective view of the preferred embodiment;

Figure 4 is a schematic rear side view of the preferred embodiment, showing a holding member in a retracted position, and with a cover member removed; and

15       Figure 5 is a view similar to Figure 4, but showing the holding member in an extended position.

#### **DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT**

Referring to Figures 2 and 3, the preferred embodiment of a badge 1 according to the present invention is shown to include a badge body 2, a fastener unit 3, a guiding member 22, a holding member 4, and a retaining member 5.

20       The badge body 2 has front and rear sides surfaces 211, 212 opposite to each other in a first direction. The rear side surface 212 has an edge area 213. The fastener unit 3 is provided on the rear side surface 212 of the badge body 2, and is adapted to attach the badge body 2 to an  
25       object, such as the user's clothing, in a conventional manner.

The guiding member 22 is disposed on the rear side surface 212 of the badge body 2, and includes a first guiding part 220 which has two opposite side walls that are spaced apart from each other in a second direction transverse to the first direction to define a first guiding groove 201 extending in a third direction transverse to the first and second directions and towards the edge area 213, and a second guiding part 222 disposed between the edge area 213 and the first guiding part 220 and defining a second guiding groove 202 that extends in the second direction. The first and second guiding parts 220, 222 are formed integrally so that the first and second guiding grooves 201, 202 are communicated with each other. In this embodiment, the first and second guiding grooves 201, 202 are perpendicular to each other, but the invention is not limited thereto as apparent to those skilled in the art. Furthermore, the side walls of the first guiding part 220 respectively have stop blocks 221 that project therefrom toward each other. The guiding member 22 may be formed integrally with the rear side surface 212 of the badge body 2. In this embodiment, the guiding member 22 is configured to project from the rear side surface 212.

With further reference to Figures 4 and 5, the holding member 4 has a retained portion 41 and a holding portion 42 opposite to the retained portion 41. The retained portion 41 is disposed insertably in the first guiding

groove 201 and is movable along the first guiding groove 201 in the third direction between an extended position (see Figure 5), in which the holding portion 42 extends outwardly of the edge area 213 for suspending an article (not shown), such as an identification card or sunglasses, and a retracted position (see Figure 4), in which the holding portion 42 is disposed inwardly of the edge area 213 to be hidden from sight. The retained portion 41 includes a wider upper segment and a narrower lower segment which are respectively distal from and proximate to the holding portion 42 so as to form a shoulder 413 therebetween. The retained portion 41 has upper and lower notches 412 which are formed on one side of the lower segment of the retained portion 41 that is proximate to the second guiding part 222 and which are spaced apart from each other in the third direction. When the retained portion 41 is in the extended position, as shown in Figure 5, the shoulder 413 is blocked by the stop blocks 221, thereby preventing removal of the retained portion 41 from the first guiding groove 201 in the third direction. When the retained portion 41 is in the retracted position, the holding portion 42 is concealed behind the badge 1 so that the badge 1 appears substantially the same as the conventional badge when viewed from the front side. In this embodiment, the holding portion 42 is formed with an opening 420 for hanging an object.

The retaining member 5 is movable in the second guiding

groove 202 in the second direction between a retaining position where the retaining member 5 engages one of the upper and lower notches 412 of the retained portion 41 to secure the retained portion 41 in place when the latter is in one of the extended and retracted positions, and a releasing position where the retaining member 5 is disengaged from the retained portion 41. The retaining member 5 includes a pin 51 and a spring 52 that has one end abutting against an end wall of the second guiding part 222 and an opposite end connected to the pin 51 so as to bias the pin 51 to engage one of the upper and lower notches 412.

The preferred embodiment further includes a cover member 23 that is fastened to the guiding member 22 to prevent removal of the retained portion 41 and the retaining member 5 from the first and second guiding grooves 201, 202, respectively.

It is noted that the guiding member 22 may be configured to have the first guiding groove 201 only and that the retained portion 41 is slidably retained along the side walls of the guiding member 22 so that there is no need for the retaining member 5.

While the present invention has been described in connection with what is considered the most practical and preferred embodiment, it is understood that this invention is not limited to the disclosed embodiment but is intended to cover various arrangements included within

the spirit and scope of the broadest interpretation so as to encompass all such modifications and equivalent arrangements.